CTE Teacher Certification

There is no single certificate called a “CTE Certificate.”

The certificate areas that fall under Career & Technical Education are:

- **Agriculture, Food, and Natural Resources 6-12**
  - Older certificates include Agricultural Science and Technology and Vocational Agriculture
  - No work experience required for initial certification
  - Certification by exam available for certified teachers who wish to add it to their certificate

- **Business/Finance 6-12**
  - Older certificates include Business Education, Office Education
  - No work experience required for initial certification
  - Certification by exam available for certified teachers who wish to add it to their certificate

- **Family and Consumer Sciences 6-12**
  - Three options: Composite, Human Development & Family Studies, and Hospitality, Nutrition & Food Science
  - Older certificates include Vocational Home Economics, Homemaking
  - No work experience required for initial certification
  - Certification by exam available for certified teachers who wish to add it to their certificate

- **Math/Physical Science/Engineering 6-12**
  - Can teach any math courses, physical science courses and all Technology Education courses
  - No work experience required for initial certification
  - Certification by exam available for certified teachers who wish to add it to their certificate

- **Technology Education 6-12**
  - Older certificates include Secondary Industrial Arts, Secondary Industrial Technology
  - No work experience required for initial certification
  - Certification by exam available for certified teachers who wish to add it to their certificate

- **Marketing: 6-12**
  - Older certificates include Marketing Education, Distributive Education
  - 2 years of work experience required
  - Must complete a Statement of Qualifications form and have it approved in order to add by examination

- **Health Science: 6-12**
  - Older certificates include Health Science Technology Education, Vocational Health Occupations
  - 2 years of work experience required using license or registration as a healthcare professional that took at least two years to earn
  - Must complete a Statement of Qualifications AND complete an educator preparation program
  - Not available for certification by exam, even if a teacher is already certified

- **Trade and Industrial Education: 6-12**
  - Older certificates include Vocational Trades and Industry
  - 3 years of work experience within the past 8 years required with an Associate or Bachelor’s degree
  - 5 years of work experience within the past 8 years required with a high school diploma or equivalent
  - All TIE teachers must have industry recognized license or credential to obtain standard certificate
  - Must complete a Statement of Qualifications AND complete an educator preparation program
  - Not available for certification by exam, even if a teacher is already certified
Teachers of the following courses must meet **NCLB highly qualified** requirements:

- Advanced Animal Science
- Advanced Biotechnology
- Advanced Plant and Soil Science
- Advanced Quantitative Reasoning
- Anatomy and Physiology
- Business English
- Engineering Design and Problem Solving
- Food Science
- Forensic Science
- Mathematical Application in Ag, Food and Natural Resources
- Medical Microbiology
- Pathophysiology
- Principles and Elements of Floral Design
- Principles of Technology

Since these courses require teachers to be highly qualified, they **CANNOT** be offered as “just” an elective.

CTE teachers can meet HQ requirements through:

- Bachelor’s degree **and**
  - 24 semester credit hours with 12 hours of upper division in subject OR
  - Pass content exam OR
  - or High, Objective, Uniform Standard of Evaluation (HOUSE) for experienced teachers

In addition to being HQ, according to 19 TAC §231.1(e), the following courses require Texas Education Agency (TEA)-approved training prior to teaching. Courses are available on [Project Share](http://teapublish.texas.gov).  

*All teachers assigned to this course shall participate in Texas Education Agency (TEA)-approved training prior to teaching this course effective with the 2013-2014 school year. Teachers assigned to this course in the 2010-2011, 2011-2012, and/or 2012-2013 school year will have 12 months from the date the training is first offered to complete the TEA-approved training requirement.*

- Advanced Animal Science*
- Advanced Biotechnology*
- Advanced Plant and Soil Science*
- Engineering Design and Problem Solving**
- Engineering Mathematics*
- Food Science*
- Forensic Science* (not available as of 12/10/13)
- Mathematical Applications in Agriculture, Food, and Natural Resources*
- Statistics and Risk Management*
According to 19 TAC §231.1(e), the following CTE courses may be taught by a non-CTE certified teacher. Please see Chapter 231 for specific certificates allowed.

- Advanced Animal Science*
- Advanced Animation
- Advanced Audio Video Production
- Advanced Biotechnology*
- Advanced Computer Programming
- Advanced Graphic Design and Illustration
- Advanced Plant and Soil Science*
- Anatomy and Physiology
- Animation
- Business English
- Computer Programming
- Computer Technician
- Digital and Interactive Media
- Engineering Design and Problem Solving**
- Engineering Mathematics*
- Food Science*
- Foreign Service and Diplomacy
- Forensic Science*
- Graphic Design and Illustration
- Mathematical Applications in Agriculture, Food, and Natural Resources*
- Medical Microbiology
- Pathophysiology
- Planning and Governance
- Political Science I
- Political Science II
- Practicum in Local, State, and Federal Government*
- Principles and Elements of Floral Design
- Principles of Government and Public Administration
- Principles of Technology*
- Professional Communications
- Public Management and Administration
- Revenue, Taxation, and Regulation
- Scientific Research and Design
- Statistics and Risk Management*
- Web Technologies

For questions about CTE Certification, please contact:

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